

Name and brief description of initiative:

NIGMS National Centers for Systems Biology

<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-05-010.html>

Brief description of goals of initiative:

The goal of the program is to promote institutional development of pioneering research, training, and outreach programs focused on systems level analysis of biological phenomena of biomedical importance within the NIGMS mission. The NIGMS supports fundamental inquiries focused on molecular and cell biology, biophysics, genetics and developmental biology, Biochemistry, pharmacology, anesthesiology, and human physiology in the areas of trauma, burn, inflammation, and multi-organ failure.

Program contact information:

Jerry Li, M.D., Ph.D. 301-594-0828; lij@nigms.nih.gov

Website address of initiative:

<http://www.nigms.nih.gov/Initiatives/SysBio/Centers/>

Currently funded Centers:

Center for Cell Dynamics

PI: Garrett M. Odell, Ph.D.

Institution: University of Washington Friday Harbor Laboratories

Website: <http://raven.zoology.washington.edu/celldynamics/>

Center for Modeling Integrated Metabolic Systems

PI: Gerald M. Saidel, Ph.D.

Institution: Case Western Reserve University

Website: <http://www.csuohio.edu/mims/contact.htm>

Center for Modular Biology

PI: Andrew W. Murray, Ph.D.

Institution: Harvard University

Website: <http://www.cgr.harvard.edu/cmb/>

Cell Decision Process Center

PI: Peter K. Sorger, Ph.D.

Institution: Massachusetts Institute of Technology

Website: <http://www.cdpcenter.org/>

Center for Quantitative Biology

PI: David Botstein, Ph.D.

Institution: Princeton University

Website: <http://quantbio.princeton.edu/>

Center for Systems Biology
PI: Leroy Hood, M.D., Ph.D.
Institution: Institute for Systems Biology
Website: <http://quantbio.princeton.edu/>

Center for Genome Dynamics
PI: Gary A. Churchill, Ph.D.
Institution: The Jackson Laboratory
Website: http://www.jax.org/staff/gary_churchill.html